

WHAT IS CLAIMED IS:

5

1. An optical module comprising:
a ferrule having a slope end surface and
supporting an optical fiber penetrated therethrough;
a photodetector attached to the slope end
surface and optically coupled directly with the
optical fiber;
a module substrate supporting the ferrule;
and
a resin package covering the ferrule so
that an end of the ferrule protrudes from the resin
package.

20

2. The optical module as claimed in claim 1, further comprising a supporting base mounted on the module substrate, the supporting base supporting the ferrule.

25

3. The optical module as claimed in claim 1, further comprising electronic parts mounted on the module substrate.

35

4. The optical module as claimed in claim 1, wherein the resin package comprises engagement

protrusions that are to be engaged with an optical connector.

5

5. The optical module as claimed in claim 1, wherein:

the resin package comprises engagement 10 protrusions which are to be engaged with an optical connector; and

the engagement protrusions extend along side surfaces of the resin package.